

ABSTRACT

A method for batch manufacturing of slabs for zig-zag lasers including steps of bonding two non-active media to either side
5 of an active medium to form a sandwich, dicing the sandwich to provide slices, rendering two surfaces of each slice into total-internal-reflection (TIR) surfaces, and then dicing the slices perpendicular to the TIR surfaces to provide a plurality of zig-zag slabs.